| Index of Clain | าร |
|----------------|----|
|                |    |

| Application No. | Applicant(s)  |  |
|-----------------|---------------|--|
| 10/085,002      | FURUSE ET AL. |  |
| Examiner        | Art Unit      |  |
| DuyVu n Deo     | 1765          |  |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| o | Objected |

| Cla            | aim      | Date     |         |           |              |          |          | Date Claim Date |           |  |           |       |                        |          |             |                  | 7       | CI  | aim          | Date            |               |              |            |          |                 |          |  |              |           |          |          |           |          |
|----------------|----------|----------|---------|-----------|--------------|----------|----------|-----------------|-----------|--|-----------|-------|------------------------|----------|-------------|------------------|---------|---|--------------|-----------------|---------------|--------------|------------|----------|-----------------|----------|--|--------------|-----------|----------|----------|-----------|----------|
|                | 1        | 46       | )       | Т         |              |          |          |                 |           |  |           | 1     |                        |          |             | T                | $\top$  | Т   | Τ            |                 | $\top$        | 7            |            | 1        |                 |          | _  |              |           |          |          |           | П        |
| <u>m</u>       | Original |          | - 1     |           |              |          | ١.       |                 |           |  |           |       | त्त                    | Original |             |                  |         |   |              |                 |               |              | <u></u>    | Original |                 |          | l  | 1            |           |          |          |           |          |
| Final          | ij       | 2        | 1       |           |              | ı        |          |                 |           |  |           |       | Final                  | ij       |             |                  |         |   |              |                 |               |              | Final      | įį       |                 |          | l  | 1            |           |          |          |           |          |
| "              | Ŏ        | C        | 4       |           |              |          |          | l               |           |  |           |       | "                      | Õ        |             |                  |         |   |              |                 |               |              | "          | Ŏ        |                 |          | l  | 1            |           |          |          |           |          |
| -              | 1        |          | _       | +         | +            | -        | -        | $\vdash$        | $\vdash$  | ├  | +         | -     | $\vdash$               | 51       | $\vdash$    | +                | +       | +-  | +            |                 |               | $\dashv$     | -          | 101      | -               | -        | ├-   | ├-           | ├         | -        | Н        |           | -        |
|                |          | -        | +       | +         |              |          |          |                 |           | ┢  | +         | -     | <u> </u>               |          | $\vdash$    | -+               |         | +   | +            | ╁╌╁             |               | -            |            |          | $\vdash$        |          | H  |              |           | $\vdash$ | Н        | -         | Н        |
| <u> </u>       | 2        | H        | +       | +         | -            | _        |          | _               | _         | -  | +-        | -     | <u> </u>               | 52       |             |                  | _       | - -   | -            | $\vdash$        | +             | -            |            | 102      | <u> </u>        |          |  | ļ            | -         | <u> </u> | _        |           | $\vdash$ |
|                | 3        | Н        | +       | +         | 4            | _        |          |                 | <u> </u>  | Ļ  | +         | 4     | <u> </u>               | 53       |             | -                | -       |   | ╁            | $\vdash$        |               | -            |            | 103      |                 | _        |  | _            | _         | ļ        | _        |           |          |
|                | 4        | Ц        | +       | 4         | 4            |          |          |                 | _         | _  | ╄         | 4     | L                      | 54       | ļI          | _                | _       | $\bot$  | ↓            | $\sqcup$        |               | _            |            | 104      |                 |          |  | L            | _         | <u> </u> |          |           | $\sqcup$ |
|                | 5        | Ц        | Щ       | 4         | _            |          |          |                 |           | L  | _         | 1     | ļ                      | 55       |             | _ -              |         |   | <b>-</b>     | Ш               |               | _            |            | 105      |                 |          |  | lacksquare   | ┖         | _        |          |           | Ш        |
| L              | 6        | L        | Щ       |           | _            | _        |          |                 |           |  |           | _     |                        | 56       |             |                  |         |   | $\perp$      | Ш               |               | _ :::::      |            | 106      |                 |          |  | _            |           |          |          |           | Ш        |
|                | 7        | L        | Ш       |           |              |          |          |                 |           |  |           |       |                        | 57       | 1           | $\perp$          | $\perp$ |   | $\perp$      |                 |               |              |            | 107      | ,               |          |  | L            | L         |          |          |           |          |
|                | 8        |          |         |           |              |          |          |                 |           |  | ļ         |       |                        | 58       |             |                  |         |   |              |                 |               |              |            | 108      |                 |          |  |              |           |          |          |           |          |
|                | 9        | Г        | П       | Т         | П            |          |          |                 |           |  | Т         | 7:::: |                        | 59       |             | $\neg \Gamma$    |         |   |              |                 |               |              |            | 109      |                 |          |  |              |           |          |          |           |          |
|                | 10       | Г        | 1       | $\top$    | ヿ            |          |          |                 |           |  |           | 7     |                        | 60       |             |                  |         | 1-  |              |                 |               |              |            | 110      |                 |          |  | $\Box$       |           |          |          |           |          |
|                | 11       | Г        | 11      | 十         | ┪            | ヿ        |          |                 |           | Ι  | T         |       |                        | 61       | П           | _                | $\top$  |   | 1-           | H               | $\neg \vdash$ | 7            |            | 111      |                 |          |  |              |           |          | $\Box$   |           | $\Box$   |
|                | 12       | H        | 1       | $\dagger$ | $\dashv$     | $\dashv$ |          |                 | $\vdash$  | $\vdash$   | +         | 1     |                        | 62       | H           | $\neg \dagger$   | +       | +-  | +            | $\vdash$        | -             | 1            |            | 112      | $\vdash$        |          | $\vdash$   | <del> </del> | _         | -        | -        |           | $\dashv$ |
|                | 13       | T        | +       | +         | 7            | -        | -        | _               | $\vdash$  | $\vdash$   | $\dagger$ | 1     | $\vdash$               | 63       |             | $\dashv$         | +       | $\pm$   | T            | $\vdash$        |               | 1            | <b> </b> - | 113      | $\vdash$        |          | <del>                                     </del> | $\vdash$     |           | H        | $\vdash$ |           | H        |
| <b>——</b>      | 14       | 1        | 1       | +         | $\dashv$     | $\dashv$ |          |                 |           | H  | $\dagger$ | 1     | <b></b>                | 64       | $\vdash$    | $\dashv$         | +       | +   | +-           | $\vdash$        | $\dashv$      | 1            | <u> </u>   | 114      | $\vdash$        | -        | -  | -            | -         |          | -1       | $\dashv$  | $\dashv$ |
|                | 15       | H        | +       | +         | -            |          |          |                 | ┝         | $\vdash$   | +         | -     | $\vdash$               | 65       | $\vdash$    | +                | +       | +   | +            | $\vdash$        | $\dashv$      | <b>⊣</b> ःःः |            | 115      | $\vdash$        |          |  | -            | -         | -        | $\vdash$ | -         | $\dashv$ |
| <b>-</b>       | 16       | $\vdash$ | +       | +         | -            |          |          |                 | H         | $\vdash$   | +         | -     | <del></del>            |          | ┝╌┤         |                  | +       | +   | +            | $\vdash$        |               | -            |            |          | Н               | $\vdash$ | <del> </del>                                     |              | -         | -        |          | -         | $\vdash$ |
|                |          | <u> </u> | +       | +         |              |          |          |                 | H         | -  | +         | -     | <u> </u>               | 66       | ⊢           |                  | +       | +   | +            | $\vdash \vdash$ | -             | -            | <u> </u>   | 116      | $\vdash \vdash$ |          |  |              | <u> </u>  | $\vdash$ | $\vdash$ | _         | $\dashv$ |
|                | 17       | L        | $\perp$ | +         | -1           | _        |          |                 |           |  | ╄         | 4     |                        | 67       | $\sqcup$    |                  | +       | +   |              |                 |               | 4            |            | 117      |                 |          | _  |              | _         |          |          | _         |          |
|                | 18       | L        | 4       | 4         | -            | _        |          |                 |           | ╙  | ╄         | 4     |                        | 68       |             |                  |         | 4_  |              | $\sqcup$        |               | 4            |            | 118      |                 |          |  | <u> </u>     | <u> </u>  |          |          |           |          |
|                | 19       | L        | 1       | ⅃.        | _            |          |          |                 |           | _  | <u> </u>  |       |                        | 69       |             |                  | $\perp$ |   |              |                 |               | _ ::::       |            | 119      |                 |          | <u> </u>   | <u> </u>     |           |          |          |           |          |
|                | 20       |          |         |           |              |          |          |                 |           |  |           |       |                        | 70       |             |                  |         |   |              |                 |               | _]!!!!       |            | 120      |                 |          |  |              |           |          |          |           |          |
|                | 21       |          |         |           |              |          |          |                 |           |  |           |       |                        | 71       |             |                  |         |   |              |                 |               |              |            | 121      |                 |          |  |              |           |          |          |           |          |
|                | 22       |          | Т       | Т         | Т            |          |          |                 |           |  | Π         |       | <b>—</b> ,             | 72       |             |                  | T       |   | Т            |                 |               | 7            |            | 122      |                 |          |  |              |           |          |          |           |          |
|                | 23       |          | T       | Т         |              |          |          |                 |           | П  | Т         |       |                        | 73       |             |                  |         |   | $\top$       |                 |               | 7            | -          | 123      |                 |          |  |              |           |          |          |           |          |
|                | 24       |          |         | 1         |              |          |          |                 |           |  | 1.        |       |                        | 74       |             |                  |         | İ   | 1            |                 |               |              |            | 124      |                 |          |  |              |           |          |          |           | $\sqcap$ |
| -              | 25       |          | 1       | 7         | $\neg$       |          |          |                 |           | Г  | Т         |       |                        | 75       |             |                  |         |   | 1            |                 |               | -            |            | 125      |                 |          |  |              |           |          |          |           |          |
|                | 26       |          | ✝       | $\top$    | $\neg$       | $\neg$   |          |                 |           | _  | 1         | 1     |                        | 76       |             | $\dashv$         | $\top$  | 1   | T            | $\vdash$        | $\neg$        | 7            |            | 126      |                 | $\neg$   |  |              |           |          | _        | _         | _        |
|                | 27       | Г        | Ť       | ╅         | 寸            |          | _        |                 |           | <del>                                     </del> | T         |       |                        | 77       | Н           | $\top$           | +       | +   | 1            | $\vdash$        | $\top$        | -            |            | 127      | $\vdash$        | $\dashv$ |  |              | $\vdash$  |          | _        | $\dashv$  | $\dashv$ |
|                | 28       | -        | +       | +         | 7            | 一        | $\neg$   | -               |           | -  | +         | 1     | $\vdash$               | 78       | -           |                  | +       |   | +-           |                 | $\dashv$      | 1            |            | 128      |                 |          | -  |              | $\vdash$  | _        | $\dashv$ | $\dashv$  | $\dashv$ |
| -              | 29       | ├        | ╫       | +         | 十            | $\dashv$ | -        | -               | -         |  | -         | -     | _                      | 79       | $\vdash$    | +                | +       | +-  | ╁┈           | -               |               | -            |            |          |                 |          |  |              |           |          | $\dashv$ |           | -1       |
|                | 30       | ├-       | ┿       | +         | +            | $\dashv$ | -        |                 |           | ⊢  | ╆         | 4     | -                      | 80       |             | -                | +       | +-  | <del> </del> |                 |               | -            |            | 129      | $\dashv$        |          |  | -            |           | $\dashv$ | $\dashv$ |           | -1       |
|                |          | ┝        | +-      | +         | $\dashv$     |          |          |                 | _         | <u> </u>   | ╀         | -     |                        |          | <del></del> |                  | -       |   | -            | -               |               | 4            |            | 130      | -               | _        |  |              |           | -        | _        | _         |          |
| <u> </u>       | 31       | ⊢        | +       | +         | +            | —ļ       |          |                 |           | _  | +         | -     | $\vdash$               | 81       | -           | -                | +       | +   | +            |                 |               | 4            | L          | 131      | $\sqcup$        |          |  | $\vdash$     | $\vdash$  | -        | -        | _         | _        |
|                | 32       | $\vdash$ | +       | +         | 4            | _        |          |                 | Щ         | _  | $\vdash$  | 4     | $\sqcup$               | 82       | $\sqcup$    |                  | $\perp$ | $\perp$   | 1            | $\sqcup$        |               | 4            |            | 132      |                 |          |  | <u> </u>     | Ш         |          | _        |           |          |
|                | 33       | _        | 1       | _         | 4            | _        | _        | _               |           | ļ  | 1         |       | $\sqcup$               | 83       |             | _ _              | _ _     | - -   | ↓_           | $\sqcup$        |               | 4            |            | 133      |                 | _        | $\Box$   |              |           |          | _        |           |          |
| L              | 34       | L        | 4       | 1         | 4            | _        |          |                 |           | _  | 1_        | 4     |                        | 84       | $\Box$      | $\perp$          |         | -   | ↓_           | Ш               | _ _           |              |            | 134      |                 |          |  |              |           |          | į        |           |          |
|                | 35       |          | 1       | $\perp$   | $\perp$      |          |          |                 |           |  | $\perp$   | J     |                        | 85       |             | $\perp$          | $\perp$ |   | <u> </u>     |                 | $\perp$       | _            |            | 135      |                 |          |  |              |           |          |          |           |          |
|                | 36       |          | _       | $\perp$   | $\perp$      |          |          |                 |           | _  | 丄         | J     |                        | 86       |             |                  |         |   | L            |                 |               | 111111       |            | 136      |                 | T        |  |              |           | ]        |          |           | J        |
|                | 37       | L        | $\perp$ |           |              |          | [        | [               |           |  | $\perp$   | ]     |                        | 87       |             | $_{\perp}\Gamma$ | ╧       | $oldsymbol{ol}oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}ol}}}}}}}}}}}}}}}$ | $\perp^{-}$  | $\Box T$        |               |              |            | 137      |                 |          |  |              |           |          |          |           | $\neg$   |
|                | 38       |          | Γ       | Τ         | T            | $\neg$   | . ヿ      |                 |           |  | Γ         | 1     |                        | 88       |             |                  | T       | T   |              |                 | 1             | 7::::        |            | 138      | $\Box$          | $\neg$   |  |              |           | $\neg$   | $\neg$   |           | $\neg$   |
|                | 39       |          | T       | T         | T            |          |          |                 |           |  |           | 1     | $\Box$                 | 89       |             |                  | T       |   |              |                 |               | 1            |            | 139      | $\neg$          | $\neg$   |  |              |           | $\neg$   | 寸        | $\neg$    | $\neg$   |
|                | 40       |          | T       | $\top$    | T            | 寸        | $\neg$   |                 | $\neg$    | Г  | Г         | 1     |                        | 90       |             |                  |         | $\top$  | T            | $\Box$          |               | 1            |            | 140      | $\dashv$        | $\dashv$ |  |              |           | $\neg$   | $\dashv$ | $\dashv$  | $\dashv$ |
|                | 41       |          | T       | +         | $\dashv$     | 寸        | $\neg$   |                 |           |  |           | 1     |                        | 91       |             | _                | 1       | 1   | T            | $\vdash$        | $\dashv$      | 1            |            | 141      | $\dashv$        | -        |  |              |           |          | $\dashv$ | $\dashv$  | $\dashv$ |
|                | 42       | Η-       | t       | $^{+}$    | $^{\dagger}$ |          | $\dashv$ |                 | -         | Н  | t         | 1     | $\vdash$               | 92       | 1           | -                | +       | +   | $\vdash$     |                 | +             | 1::::        |            | 142      | $\dashv$        | $\dashv$ | $\dashv$   | -            | $\dashv$  | $\dashv$ | $\dashv$ | -         | $\dashv$ |
|                | 43       | -        | T       | +         | +            | $\dashv$ | $\dashv$ | $\dashv$        | $\exists$ | _  | t         | 1     | $\vdash$               | 93       | -           |                  | +       | +   |              | $\vdash$        | $\dashv$      |              |            | 143      | $\dashv$        | $\dashv$ | -  | $\vdash$     | $\vdash$  | $\dashv$ | $\dashv$ | -         | $\dashv$ |
| h              | 44       | -        | +       | +         | +            | +        | $\dashv$ | $\dashv$        |           | $\vdash$   | +         | 1     | <del>  </del>          | 94       | $\dashv$    | +                | +-      | +   | 1-           | $\vdash$        |               | -            |            | 144      | $\dashv$        | $\dashv$ |  |              | $\vdash$  |          | $\dashv$ |           | $\dashv$ |
| $\vdash\vdash$ | 45       |          | +       | +         | +            | $\dashv$ |          |                 |           | -  | +         | 1     |                        | 94       | $\dashv$    | +                | +       | -   | -            | -               | +             | -            |            |          | $\dashv$        | $\dashv$ | -  |              | $\vdash$  |          | $\dashv$ | _         | $\dashv$ |
| $\vdash$       | 45       | <u> </u> | +       | +         | +            | _        | -        | $\dashv$        |           | _  | ₩         | 1     | $\vdash \vdash \vdash$ | 95       |             | +                | +       | +   | $\vdash$     | -               | +             | 4            |            | 145      |                 |          |  |              | $\square$ | _        | _        | _         | 4        |
|                | 46       | _        | +       | 4         | 4            | _        | _        | _               |           |  | <b> </b>  | 1     | $\sqcup \sqcup$        | 96       | $\perp$     | _                | $\bot$  | 1   | $\vdash$     | $\sqcup \bot$   | _ _           | 4            |            | 146      |                 | _        |  |              |           | _        | _        | _         | _        |
|                | 47       | _        | $\perp$ | 1         | 4            |          |          |                 |           |  | _         | 1     |                        | 97       |             |                  |         | _   | 1_           | oxed            | $\bot$        | J            |            | 147      |                 |          |  |              |           | l        |          | $\perp$ l | $\Box$   |
|                | 48       |          | $\perp$ | $\perp$   | $\perp$      | $\perp$  |          | _               |           |  |           | 1     |                        | 98       |             |                  |         |   |              |                 |               |              |            | 148      | *               |          |  |              |           | [        |          |           |          |
|                | 49       |          | L       |           | $\perp$      |          | ]        | ]               |           |  |           | ]     |                        | 99       |             |                  |         | $\perp$   |              |                 |               | ]            |            | 149      |                 |          |  |              |           | T        | T        | $_{ m I}$ | $\Box$   |
|                | 50       | L        | L       | $\prod$   |              |          |          |                 |           |  | L         | J     | LT                     | 100      | T           | T                | Γ       |   |              |                 |               |              |            | 150      |                 |          |  |              |           |          |          |           |          |
|                |          |          |         |           |              |          |          |                 |           |  |           |       |                        |          |             |                  |         |   |              |                 |               |              |            |          |                 |          |  |              |           |          |          |           |          |